

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/009202

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/37

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE BIOSIS [Online] BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; March 2003 (2003-03), GLATT C M ET AL: "Differentiation between sensitizers and irritants in the local lymph node assay using a minimal transcript set." XP002312204 Database accession no. PREV200300221396 abstract & TOXICOLOGICAL SCIENCES, vol. 72, no. S-1, March 2003 (2003-03), page 264, 42ND ANNUAL MEETING OF THE SOCIETY OF TOXICOLOGY; SALT LAKE CITY, UTAH, USA; MARCH 09-13, 2003 ISSN: 1096-6080</p> <p>----- -/--</p>	1-25

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

29 December 2004

Date of mailing of the international search report

14. 02. 2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

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PCT/EP2004/009202

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	YOUSEF G M ET AL: "The Expanded Human Kallikrein Gene Family: Locus Characterization and Molecular Cloning of a New Member, KLK-L3 (KLK9)" GENOMICS, vol. 65, no. 2, 15 April 2000 (2000-04-15), pages 184-194, XP004439384 figure 6 -----	1-25
A	YOUSEF GEORGE M ET AL: "The prognostic value of the human kallikrein gene 9 (KLK9) in breast cancer." BREAST CANCER RESEARCH AND TREATMENT, vol. 78, no. 2, March 2003 (2003-03), pages 149-158, XP002312203 the whole document -----	1-25
A	WO 00/53776 A (MOUNT SINAI HOSPITAL CORP.) 14 September 2000 (2000-09-14) example 4 -----	1-25
A	WO 03/033731 A (MOUNT SINAI HOSPITAL CORP) 24 April 2003 (2003-04-24) claim 1 -----	1-25

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 26
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-25 (all partially)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with KLK9, in which the diseases are hematological diseases.

2. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with KLK9, in which the diseases are cardiovascular diseases.

3. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with KLK9, in which the diseases are neurological disorders.

4. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with KLK9, in which the diseases are metabolic disorders.

5. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with KLK9, in which the diseases are urological diseases.

6. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with KLK9, in which the diseases are cancers.

7. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with KLK9, in which the diseases are inflammation diseases.

8. claims: 1-25[partially]

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Diagnostics, therapeutics and methods of screening for
therapeutics, relating to diseases associated with KLK9, in
which the diseases are dermatological disorders.

9. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for
therapeutics, relating to diseases associated with KLK9, in
which the diseases are gastroenterological diseases.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/009202

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0053776	A	14-09-2000	AU 3139800 A	28-09-2000
			AU 3139900 A	28-09-2000
			WO 0053776 A2	14-09-2000
			WO 0053747 A1	14-09-2000
			CA 2362885 A1	14-09-2000
			CA 2366087 A1	14-09-2000
			EP 1159431 A2	05-12-2001
			JP 2002538789 T	19-11-2002

WO 03033731	A	24-04-2003	WO 03033731 A2	24-04-2003
			CA 2463920 A1	24-04-2003
			EP 1436421 A2	14-07-2004
